

AMENDMENT TO THE CLAIMS

1. - 68 (Canceled)

69. (Previously Presented) An isolated nucleic acid consisting of X nucleotides wherein the sequence of the nucleic acid comprises:

- (a) Y consecutive nucleotides of SEQ ID NO: 142700;
- (b) an RNA encoded by (a); or
- (c) the complement of (a) or (b),

wherein $X=19$ to 140 ,

$Y \geq 19$, and

$X \geq Y$.

70. (Previously Presented) The nucleic acid of claim 69, wherein the Y nucleotides are of SEQ ID NO: 140670 or 140732.

71. (Previously Presented) The nucleic acid of claim 69, wherein $X=19$ to 24 .

72. (Previously Presented) The nucleic acid of claim 69, wherein $X=Y$.

73. - 88 (Canceled)

89. (Currently Amended) An isolated nucleic acid consisting of X nucleotides wherein the sequence of the nucleic acid comprises:

- (a) Y consecutive nucleotides of SEQ ID NO: 2 or 9;
- (b) an RNA encoded by (a);
- (c) a sequence at least ~~68.2%~~ 80% identical to (a) or (b); or
- (d) the complement of any one of (a)-(c),

wherein

$X=19$ to 140 ,

$Y \geq 19$, and

$X \geq Y$.

90. (Canceled)

91. (Canceled)

92. (Previously Presented) The nucleic acid of claim 89, wherein $X=19$ to 24 .

93. (Previously Presented) The nucleic acid of claim 89, wherein $X=Y$.

94. (Canceled)

95. (Canceled)

96. (Currently Amended) A vector comprising a heterologous sequence, wherein the heterologous sequence consists of the sequence of the nucleic acid of any one of claims 69-72, 89, 92, and 93, and 89-95.